

0050/49308

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We claim:

Subst. C1 7 1. A process for producing foamed polyisocyanate polyaddition products or polyurethane elastomers by reacting isocyanates with compounds which are reactive toward isocyanates in the presence of catalysts, blowing agents, additives and/or auxiliaries, wherein the reaction is carried out in the presence of (ii) at least one organic or inorganic acid anhydride.

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SUB E1 cont. 2 A process as claimed in claim 1, wherein the acid anhydrides (ii) are used in an amount of from 0.01 to 20% by weight, based on the total weight of the acid anhydrides and the isocyanates used.

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3. A process as claimed in claim 1, wherein a mixture comprising (i) at least one isocyanate and (ii) at least one organic and/or inorganic acid anhydride is used.

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Subst A2 > 4. A polyisocyanate polyaddition product obtainable by a process as claimed in claim 1.

A 25 5. The use of acid anhydrides in polyisocyanate polyaddition products for stabilizing the polyisocyanate polyaddition products, in particular polyurethanes, against cleavage of the urethane and/or urea bond.

add C2 > 30 6. The use of acid anhydrides in polyisocyanate polyaddition products for reacting with amino groups in the polyisocyanate polyaddition products.

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